

Title (en)
Electric vacuum cleaner

Title (de)
Elektrischer Staubsauger

Title (fr)
Aspirateur électrique

Publication
EP 2662009 A1 20131113 (EN)

Application
EP 13179672 A 20080717

Priority
• JP 2007297718 A 20071116
• EP 08790221 A 20080717

Abstract (en)
A vacuum cleaner includes an electric air blower; a dust separator placed at an upstream side of the electric air blower and having a filtration filter for taking in dust-containing air sucked by the electric air blower and separating the dust from the air; and a dust accommodating section for accommodating the dust separated by the dust separator. The filtration filter includes a plurality of through-holes penetrating from an upstream surface at an upstream side to a downstream surface at the downstream side, and a central axis of the through-hole is inclined with respect to a normal line direction of a surface of the filtration filter.

IPC 8 full level
A47L 9/10 (2006.01); **A47L 9/12** (2006.01); **A47L 9/16** (2006.01)

CPC (source: EP US)
A47L 9/127 (2013.01 - EP US); **A47L 9/1666** (2013.01 - EP US)

Citation (applicant)
JP 2005052394 A 20050303 - MITSUBISHI ELECTRIC CORP, et al

Citation (search report)
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• [A] WO 2007114275 A1 20071011 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al
• [A] JP S5274175 A 19770621 - MATSUSHITA ELECTRIC IND CO LTD
• [A] JP S5255061 U 19770420

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CN104207741A; US10368706B1; US11304579B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2191761 A1 20100602; **EP 2191761 A4 20121212**; CN 101861117 A 20101013; CN 101861117 B 20130619; CN 102715870 A 20121010; CN 102715870 B 20141022; EP 2662009 A1 20131113; EP 2662009 B1 20150916; JP 2009119105 A 20090604; JP 4770821 B2 20110914; KR 101148358 B1 20120521; KR 20100092933 A 20100823; MY 151255 A 20140430; US 2010275406 A1 20101104; US 8443486 B2 20130521; WO 2009063581 A1 20090522

DOCDB simple family (application)
EP 08790221 A 20080717; CN 200880116081 A 20080717; CN 201210211369 A 20080717; EP 13179672 A 20080717; JP 2007297718 A 20071116; JP 2008001919 W 20080717; KR 20107010691 A 20080717; MY PI20101348 A 20080717; US 74326708 A 20080717